

2017 Soybean Top 30 Performance Summary for Minnesota South [MNSO]



Early-Season Test
Maturity Group 1.6 - 1.9

S2017MNSOa

Top 30 of 48
For Gross Income (Sorted by Yield), (9) Replication Average

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A ↓	Protein % ↓	Oil %	Moisture %	Lodging %	Gross Income		Easton	Kasson		
										\$/Acre	Rank		Jeffers	New Richland	
Dairyland	DSR-1950/R2Y	RR2Y	1.9	R	61.1	34.3	18.2	11.4	0	\$574	1	64.6	49.4	54.0	64.7
Renk	RS195NR2	RR2Y	1.9	R	61.1	34.0	18.2	11.5	0	\$574	2	62.2	53.2	59.5	61.6
Anderson	168RXT	RRX	1.6	MR	60.8	34.0	18.5	11.1	0	\$572	3	61.3	54.5	60.0	61.2
Anderson	153R2Y	RR2Y	1.5	R	60.5	34.3	18.9	11.1	0	\$569	4	60.1	44.1	58.6	62.7
Federal	F195NRR2Y	RR2Y	1.9	R	60.3	34.4	18.1	11.0	0	\$567	5	63.7	42.8	58.2	58.9
Hefty	H16X8	RRX	1.6	R	60.1	34.0	18.5	10.9	0	\$565	6	62.1	42.8	57.2	60.9
Stine	19RF32 §	RR2Y	1.9	R	59.9	34.1	18.3	11.1	0	\$563	7	61.6	42.8	58.5	59.5
Dyna-Gro	S19RY65	RR2Y	1.9	R	59.5	34.0	18.4	11.0	0	\$559	8	60.1	42.8	56.4	62.1
Pfister	18R201	RR2Y	1.8	R	59.4	34.4	18.3	11.1	0	\$558	9	61.9	42.8	57.6	58.7
Prairie Brand	PB-1947R2	RR2Y	1.9	R	59.2	34.0	18.3	11.2	0	\$556	10	59.5	42.8	55.0	63.0
Champion	18R37N	RR2Y	1.9	R	59.1	34.4	18.1	11.2	0	\$556	11	61.1	42.8	55.6	60.6
NorthStar	NS 1911NR2	RR2Y	1.9	R	58.8	34.3	18.2	11.3	0	\$553	12	57.0	42.8	58.3	61.1
Renk	RS153NR2	RR2Y	1.5	R	58.7	34.5	18.7	11.0	0	\$552	13	59.2	42.8	56.7	60.1
Golden Harvest	GH1915X	RRX	1.9	R	58.6	33.6	18.9	10.9	0	\$551	14	58.3	42.8	54.1	63.4
Dahlman	6815XN GC	RRX	1.5	R	58.5	34.1	18.5	11.1	0	\$550	15	58.0	42.8	56.6	60.9
NorthStar	NS 61633NXR2	RRX	1.6	R	58.5	34.3	18.5	11.4	0	\$550	16	57.4	42.8	60.5	57.5
Mustang	19726	RR2Y	1.9	R	58.3	34.4	18.0	11.0	0	\$548	17	63.4	42.8	51.3	60.3
Latham	L1684R2X	RRX	1.6	R	58.1	34.1	18.4	11.2	0	\$546	18	60.8	42.8	56.9	56.5
LG Seeds	C1870R2	RR2Y	1.8	R	58.1	34.3	18.2	11.2	0	\$546	19	62.0	42.8	54.7	57.5
Titan Pro	TP-16X77	RRX	1.6	MR	58.0	34.0	18.5	11.1	0	\$545	20	55.2	42.8	58.8	60.0
Cornelius	CB19R71	RR2Y	1.9	R	57.7	34.5	18.0	11.2	0	\$542	21	60.6	42.8	54.2	58.4
Mustang	16X628	RRX	1.6	R	57.6	34.1	18.4	11.3	0	\$541	22	58.7	42.8	56.6	57.6
Federal	F2080NR2X	RRX	2.0	R	57.1	35.9	17.4	11.5	0	\$537	23	62.2	42.8	49.5	59.5
Latham	L1748R2	RR2Y	1.7	R	57.0	34.5	18.6	10.8	0	\$536	24	54.5	42.8	58.7	57.8
Dyna-Gro	S17RY67	RR2Y	1.7	R	56.7	34.5	18.5	11.1	0	\$533	25	55.1	42.8	56.6	58.3
Cornelius	CB18X80	RRX	1.8	R	56.5	35.0	18.3	11.1	0	\$531	26	56.6	48.4	54.9	58.1
Asgrow	AG17X8 §	RRX	1.7	R	56.4	34.2	18.8	10.9	0	\$530	27	57.9	43.9	51.4	59.8
Champion	18X78N	RRX	1.8	R	56.3	35.2	18.1	11.2	0	\$529	28	52.6	51.3	55.5	60.7
Hefty	H18X8	RRX	1.8	R	56.3	35.0	18.2	11.3	0	\$529	29	54.3	51.2	57.1	57.4
Dahlman	6713XN GC	RRX	1.3	R	56.0	34.4	18.3	11.1	0	\$526	30	57.6	54.3	53.5	56.9
Dahlman	6820XN CK	RRX	2.0	R	56.0	35.8	17.2	11.5	0	\$526	31	62.9	42.8	44.6	60.5

Data Rejected - Not in Summary

Mark Querna
Mark Querna

Averages =	57.2	34.3	18.3	11.1	0	\$538	57.7	49.6	54.7	59.1
LSD (0.10) =	3.3	0.4	0.3	0.3	ns		4.6	9.0	4.8	ns
LSD (0.25) =	1.7	0.2	0.1	0.2	ns		2.4	6.3	2.5	2.1

Previous years average yield for region, 55.4 bu/a, 15 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.40 GMO; \$9.40 non-GMO

† See last page for additional information. Dark shaded row identifies the check product found in early- and full-season tests. **Bold** results are significantly above test average by LSD (0.10). ns = not significantly different; ‡ = 2 reps.

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Report Date: 10/25/2017 Revised: 12/2/2017 Protein and oil content results added

2017 Soybean Top 30 Performance Summary for Minnesota South [MNSO]



Full-Season Test

Maturity Group 2.0 - 2.3

S2017MNSOb

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For Gross Income (Sorted by Yield), (9) Replication Average

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A ↓	Protein %	Oil %	Moisture %	Lodging %	Gross Income		Easton	Kasson		
										\$/Acre	Rank		Jeffers	New Richland	
NK Brand	S20-J5X §	RRX	2.0	R	61.3	34.6	18.3	11.3	0	\$576	1	63.8	53.3	56.5	63.5
NK Brand	S21-W8X §	RRX	2.1	R	60.3	34.7	18.0	11.2	0	\$567	2	63.0	58.5	54.0	63.9
Golden Harvest	GH2230X	RRX	2.2	R	60.2	34.3	18.5	11.3	0	\$566	3	61.0	55.1	56.4	63.1
Mustang	22X228	RRX	2.2	R	60.1	33.9	18.9	11.3	0	\$565	4	66.5	57.8	54.4	59.4
Hefty	H22X8	RRX	2.2	R	59.6	34.6	18.4	11.4	0	\$560	5	64.4	53.1	53.3	61.0
Latham	L2283R2X	RRX	2.2	R	59.4	34.2	18.7	11.4	0	\$558	6	64.8	49.8	53.7	59.7
NK Brand	S20-T6 §	RR2Y	2.0	MR	59.3	35.1	18.0	11.2	0	\$557	7	59.6	55.2	55.6	62.8
Dahlman	6721XN GC	RRX	2.1	R	59.1	35.2	17.9	11.5	0	\$556	8	62.7	55.8	53.8	60.8
AgriGold	G2250RX	RRX	2.2	R	58.9	34.2	18.6	11.4	0	\$554	9	64.3	55.8	54.7	57.6
Pfister	20R23	RR2Y	2.0	R	58.6	34.3	18.7	11.5	0	\$551	10	60.7	55.8	56.1	59.0
Stine	20RD20 §	RR2Y	2.0	R	58.3	34.4	18.8	11.6	0	\$548	11	62.7	55.8	53.8	58.5
Champion	20R35N	RR2Y	2.0	R	58.0	34.7	18.2	11.6	0	\$545	12	64.6	55.8	49.2	60.3
Renk	RS228NX	RRX	2.2	R	58.0	34.5	18.5	11.6	0	\$545	13	65.8	55.8	48.4	59.9
Pioneer	P22T69R §	RR	2.2	R	57.5	34.6	18.8	11.2	0	\$541	14	55.7	55.8	57.7	59.2
AgriGold	G2105RX	RRX	2.1	R	57.4	35.0	18.4	11.4	0	\$540	15	60.9	55.8	50.6	60.6
Titan Pro	TP-21X46	RRX	2.1	R	57.4	34.8	18.5	11.5	0	\$540	16	61.8	55.8	52.6	57.7
NorthStar	NS 62002NXR2	RRX	2.0	R	57.4	35.0	18.3	11.6	0	\$540	17	60.3	55.8	51.0	61.0
LG Seeds	C2201RX	RRX	2.2	R	57.3	33.9	19.0	11.4	0	\$539	18	63.0	55.8	49.1	59.7
Renk	RS207NX	RRX	2.0	R	57.3	34.7	18.2	11.7	0	\$539	19	65.8	55.8	48.7	57.4
Mustang	21X127	RRX	2.1	R	57.1	34.9	18.4	11.1	0	\$537	20	63.7	55.8	55.5	52.2
Renk	RS213NR2	RR2Y	2.1	R	57.0	34.5	18.5	11.6	0	\$536	21	58.7	55.8	48.7	63.7
Pioneer	P22T73R §	RR	2.2	R	57.0	34.2	18.5	11.8	0	\$536	22	61.0	55.8	52.7	57.3
Stine	21R132 §	RR2Y	2.1	R	56.8	34.1	18.3	11.5	0	\$534	23	56.7	55.8	55.1	58.6
Latham	L2084R2	RR2Y	2.0	R	56.5	34.9	18.6	11.6	0	\$531	24	56.9	55.8	56.1	56.6
Dyna-Gro	S21XT77	RRX	2.1	R	56.4	34.8	18.3	11.4	0	\$530	25	65.6	55.8	48.8	54.9
Hefty	H20X7	RRX	2.0	R	56.4	35.2	18.1	11.6	0	\$530	26	65.0	51.8	53.8	50.4
Champion	22R38N	RR2Y	2.2	R	56.3	34.1	18.5	11.4	0	\$529	27	57.7	51.2	54.0	57.2
Asgrow	AG20X7 §	RRX	2.0	R	56.2	34.6	18.3	11.4	0	\$528	28	66.3	58.8	45.9	56.3
Cornelius	CB22X73	RRX	2.2	R	56.2	34.1	18.9	11.4	0	\$528	29	60.8	47.8	51.5	56.2
NorthStar	NS 2031NR2	RR2Y	2.0	R	56.1	35.0	18.1	11.4	0	\$527	30	61.8	52.6	51.7	54.7
Dahlman	6820XN CK	RRX	2.0	R	51.3	35.7	17.3	11.9	0	\$482	54	55.2	55.8	43.5	55.2

Data Rejected - Not in Summary

Mark Querna
Mark Querna

Averages =	56.3	34.7	18.2	11.5	0	\$529	60.3	52.6	51.0	57.5
LSD (0.10) =	3.3	0.4	0.2	0.3	ns		4.5	5.9	4.7	4.1
LSD (0.25) =	1.7	0.2	0.1	0.2	ns		2.4	4.1	2.5	2.2

Previous years average yield for region, 55.4 bu/a, 15 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.40 GMO; \$9.40 non-GMO

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Report Date: 10/25/2017 Revised: 12/2/2017 Protein and oil content results added

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2 [®] brand seed is distributed by NuTech Seed, LLC. RPM [®] brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX [®] brand seed is distributed by Seed Consultants, Inc. VPM [®] brand seed is distributed by AgVenture, Inc. XL [®] brand seed is distributed by Beck's Superior Hybrids. Curry [®] , G2 [®] , HPT [®] , RPM [®] , Supreme EX [®] , VPM [®] and XL [®] are registered trademarks of DuPont Pioneer.
CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.
§	United Soybean Board sponsored entry

Soybean Technologies

BG	Balance [™] GT
LL	LibertyLink [®]
None	Conventional, non-GMO
RR	Glyphosate tolerant
RR2Y	Genuity [®] Roundup Ready 2 Yield [®]
RRX	Roundup Ready 2 Xtend [®]
ST	Sulfonylurea herbicide tolerant

Soybean Cyst Nematode (SCN) Resistance Rating

S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

Soybean Seed Treatments*

?	information unavailable	EE	Evergol [™] Energy	None	untreated
A2020	Alert 2020 [™]	EL	Elevate [™] F+I	Pd	proTect D [™]
AC	Acceleron [®] fungicide products	ELV	Elevate [™] VIP (F+I+N)	Pdi	proTect D/I [™]
ACi	Acceleron [®] fungicide and insecticide products	En	Encase [®]	PG+	Profit Guard + [™]
AG	ArmourGuard [™]	EQV	Equity [®] VIP	PS	MAS Pro-Shield
AM	ApronMaxx [®]	Es	Escalate [™]	PV	Poncho [®] /Votivo [®]
ASfi	AgriShield [®] F+I	F	fungicide	SDPI	Servo [™] DPI
AVB	Avicta [®] Complete Beans	G	Gauch [®]	SFI	Stine XP fungicide & insecticide
AVBV	Avicta [®] Complete Beans with Vibrance [®]	Gr+	Great Start [™] Max Plus	SS	Soyshield [™]
CCB	Clariva [™] Complete Beans	I	insecticide	SS+	Soyshield Plus [™]
Cl	Clariva [™] pn	IL	ILeVO [®]	SStd	SureStand [™]
CMB	CruiserMaxx [®] Beans	In	Intego [™] Solo	TE	Trius Elite [™]
CMBV	CruiserMaxx [®] Beans with Vibrance [®]	IS	Intego [™] Suite	TT	Turbo Treat [™]
DPHB	DPH Boost [®]	MAG	Maximum ArmourGuard [™]	W	Warden [®] CX
DST	Dominance [™] ST	Me	Mertect [®]	Wr	Warden [®] RTA
DX	Defend [™] Extra	Mg	Magnum ST [™] (standard)	YPP	YP Pro [™]
EcTC	Eclipse [™] US Total coverage	NCFI	N-Compass [™] Plus F/I		

* Seed treatments may include unspecified plant health promoting components.